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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/862,997 | 05/23/2001 | Satoshi Yuzawa | 525/50004 | 7506 |

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CROWELL & MORING, L.L.P.
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Washington, DC 20044-4300

EXAMINER

ZEADE, BERTRAND

| ART UNIT | PAPER NUMBER |
|----------|--------------|
|----------|--------------|

2875

DATE MAILED: 06/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|--|--------------------------------------|--------------------------------------|--|
| <p align="center">Office Action Summary</p> | Application No. 09/862,997 | Applicant(s) YUZAWA ET AL. | |
| | Examiner Bertrand Zeade | Art Unit 2875 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 April 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 16-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 16-27 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
 If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some * c) ☐ None of:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
 * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 16-27 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 16-19, 20,26-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Sadashige (U.S.3977449) in view of Ohsumi et al. (U.S.6129985).

Sadashige ('449) discloses a process for producing sliced veneer having:

Regarding claim 16, as shown in (figs. 1-26,33,35,38) a veneer (col. 8, lines 31-33) formed by slicing wood and having a property.

Regarding claim 17, the transparent reinforcing member (col. 8, lines 35-50) for reinforcing the veneer (col. 8, lines 31-33) is interposed between the veneer and the substrate (see figs. 1-4).

Regarding claim 18, at least one of the veneer (col. 8, lines 31-33) and the reinforcing member (col. 8, lines 35-50) is impregnated with a transparent synthetic resin.

Regarding claim 19, a design layer (col. 8, lines 35-50) for increasing variation of a design of the veneer (col. 8, lines 31-33) is arranged on at least one of front and rear surfaces of the substrate (see figs. 1-4,35).

Regarding claim 20, the design layer (see figs. 1-4,35) is removably attached to the rear surface of the substrate (see figs. 1-4).

Regarding claim 26, wherein part of the substrate is formed of an opaque synthetic resin (col. 14, lines 29-34).

Regarding claim 27, a topcoat is applied to a front surface of the veneer (see figs. 1-4).

Sadashige ('449) does not disclose a substrate formed of a transparent synthetic resin and joined to a rear surface of the veneer.

However, Ohsumi ('985) discloses a composite molded article comprising a wood layer having as shown in (fig. 1), a substrate formed of a transparent synthetic resin (3), and joined to a rear surface of the veneer (1c).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize the trim strip of Sadashige ('449) with Ohsumi ('985), since the transparent synthetic of Ohsumi ('985) would provide the back support of Sadashige ('449) with a continuous and prolonged back supportive decoration.

4. Claims 21-23, 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sadashige ('449) in view of Ohsumi ('985) as applied to claim 16 above, and further in view of Johnson et al. (U.S.6,439,731).

Sadashige ('449) discloses the claimed invention except for a light source.

Johnson ('731) discloses a flat panel LCD display having:

Regarding claim 21, a light source (12) for illumination is provided on a rear surface side of the substrate (see figs. 1-2).

Regarding claim 22, at least one of a color and an amount of light emitted from the light source is variable (col. 5, lines 36-61).

Regarding claim 23, a light guide plate or optical chamber (16) for making uniform the from the light source (12) is interposed between the light and the substrate.

Regarding claim 25, an indicator for giving a predetermined indication by using at least one of a LC (18) device and an LED device is provided on a rear surface side of the substrate.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize the trim strip of Sadashige ('449) Ohsumi et al. (U.S.6129985)light source discloses by Johnson ('731) for benefit and advantage to provide a layered illumination assembly for mounting in a backlighting relationship with a liquid crystal display device, because the arrangement of LEDs essentially filling the entirety of the surface, and backlighting the LCD panel with an essentially uniform illumination.

6. Claim 24 is rejected under 35 U.S.C. 103(a) as being unpatentable over Sadashige ('449) in view of Johnson ('731) as applied to claim 21 above, and further in view of Jennings (U.S.6,156,411).

Sadashige ('449) in view of Johnson ('731) disclose the claimed invention except for a

predetermined information.

Jennings ('411) discloses a decorative backlight components using transparent thermoplastic elastomers and methods of making the same.

Regarding claim 24, a display member (52) for displaying predetermined information (58/60) is provided on a front surface of the veneer (see fig. 6).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize the trim strip of Sadashige ('449) in view of Johnson ('731) with the predetermined information disclosed by Jennings ('411) for the benefit and advantage to provide a thin decorative layer molded onto the surface, the decorative film may consist of multiple layers, incorporating colors, graphics and different textures for aesthetic purposes.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bertrand Zeade whose telephone number is 703-308-6084. The examiner can normally be reached on 8:00 AM-5:00PM.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sandra O'Shea can be reached on 703-305-4939. The fax phone number for the organization where this application or proceeding is assigned is 703-305-3432.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

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Bertrand Zeade
Examiner
Art Unit 2875


Stephen Husar
Primary Examiner